

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



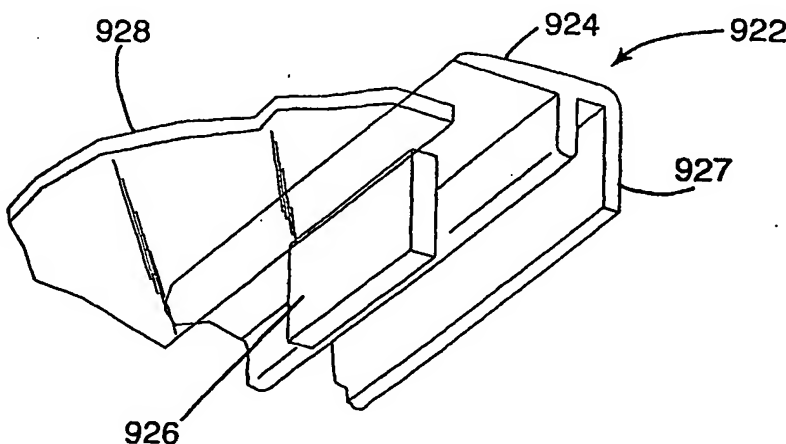
(43) International Publication Date  
12 August 2004 (12.08.2004)

PCT

(10) International Publication Number  
**WO 2004/066781 A1**

- (51) International Patent Classification<sup>7</sup>: **A45F 5/08**
- (21) International Application Number:  
PCT/US2003/024713
- (22) International Filing Date: 8 August 2003 (08.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
PCT/US03/02045 24 January 2003 (24.01.2003) US  
10/375,632 27 February 2003 (27.02.2003) US
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:  
US 10/375,632 (CIP)  
Filed on 27 February 2003 (27.02.2003)
- (71) Applicant (for all designated States except US): SSW HOLDING COMPANY, INC. [US/US]; 3501 South Tulsa, Fort Smiths, AR 72903 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MCMILLIN, Matthew, J. [US/US]; 4216 Highland Oaks Drive, New Albany, IN 47150 (US). ROUCH, Eric [US/US]; 1006 springside Way, Louisville, KY 40223 (US).
- (74) Agent: LOCKHART, Thomas, L.; Varnum, Riddering, Schmidt & Howlett LLP, P.O. Box 352, Grand Rapids, MI 49508-0352 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: HEAT STAKED SHELF



(57) Abstract: A shelving assembly (920) is disclosed, with the shelving assembly (920) including a series of heat stake ribs (926). The ribs (926) may be hot formed and made pliable so as to be flexed for purposes of providing additional retention and support to a glass shelf panel (928). The glass shelf panel (928) is also secured to a plastic rim (922). Heat stake pads (942) may be utilized with the heat stake ribs (926). The heat stake ribs (926) may be deformed against the corresponding heat stake pads (942) so as to provide support for the glass shelf panel (928).